1 / 13

### FIG. 1

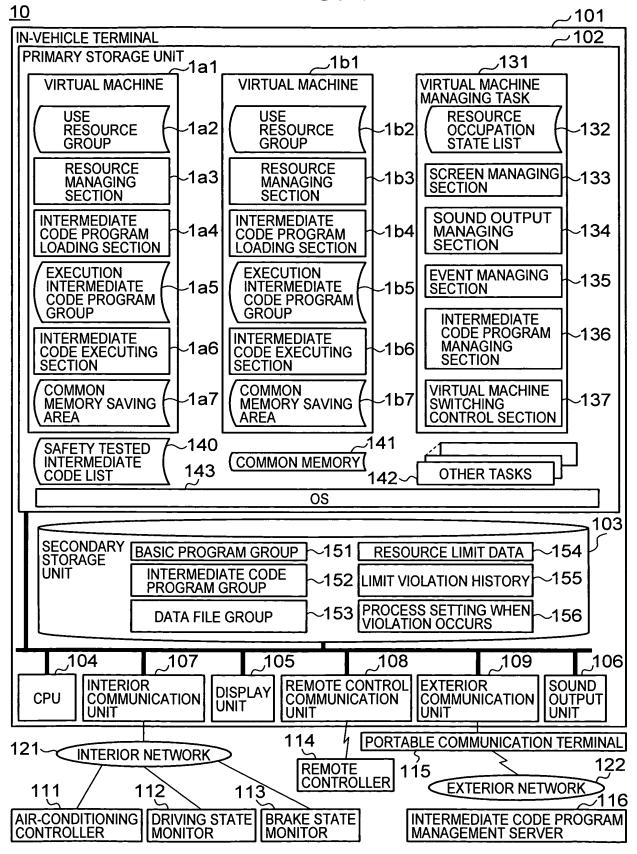


FIG. 2

		<del></del>			·		1a2 1b2
	RESOURCE TYPE		H				
C	TASK	TASK ID	STATUS OF USE PRIORITY			H	
201		1	IN USE			6	H
201		2		(	STANDBY	6	H
Ĺ		:			:		
ſ	FILE	FILE NAME	SIZE		INTERMEDIATE COD	E PROGRAM NAME	
202		"user.dat"	478 APPLICATION FOR REPRODUCING MUSIC			П	
202		"addr.dat"	361 APPLICATION FOR DELIVERING NEWS			DELIVERING NEWS	
C		:	<u>  :</u>		<u> </u>	Л	
ſ		SEMAPHORE ID			STATUS (	П	
203{	SEMAPHORE	1			IN US	Л	
200		2			STANI	Л	
C			<u> </u>			_	Л
(		MEMORY SE	GMEN	ΓID	START ADDRESS	SIZE	
204	DYNAMIC MEMORY AREA	3		xxxxx	100	Л	
204		REA 2			ууууу	200	Л
C		•	: :		:	Л	
	•				•		<b>_</b>

FIG. 3

<u>132</u>

1320	1321
RESOURCE TYPE	OCCUPYING VIRTUAL MACHINE ID
SCREEN	aaa
REMOTE CONTROLLER	NONE (DRIVING STATE)
SOUND SOURCE	bbb
CPU	aaa
:	:

FIG. 4

<u>140</u>

 1400	1401	1402
INTERMEDIATE CODE PROGRAM NAME	INTERMEDIATE CODE STRING NAME	VIRTUAL MACHINE ID CONDUCTED A TEST
AIR-CONDITIONING CONTROL APPLICATION	OBTAIN VEHICLE BODY TEMPERATURE	aaa
NAVIGATION APPLICATION	MAKE A SEARCH OF NEARBY SHOPS	aaa
:	:	:
NEWS DELIVERY APPLICATION	OBTAIN THE LATEST INFORMATION	bbb

## FIG. 5

<u>154</u>

<del></del> 1540 	D 1541	<b>1542</b>
APPLIED VIRTUAL MACHINE ID	RESOURCE TYPE	LIMIT VALUE
	NUMBER OF CREATABLE TASKS	32 UNITS
	NUMBER OF CREATABLE FILES	128 UNITS
	MAXIMUM CREATABLE FILE SIZE	2048kbyte
aaa	NUMBER OF CREATABLE SEMAPHORES	16 UNITS
	SECURABLE DYNAMIC MEMORY SIZE	256kbyte
	CPU OCCUPATION RATE	70%
	:	:
	NUMBER OF CREATABLE TASKS	16 UNITS
	NUMBER OF CREATABLE FILES	64 UNITS
	MAXIMUM CREATABLE FILE SIZE	512kbyte
bbb	NUMBER OF CREATABLE	8 UNITS
	SEMAPHORES	
	SECURABLE DYNAMIC MEMORY SIZE	64kbyte
	SECURABLE DYNAMIC	64kbyte 30%

# FIG. 6

<u>155</u>

1550	155	1 1552	1553	1554
VIOLATION DATE AND TIME	VIRTUAL MACHINE ID	INTERMEDIATE CODE PROGRAM NAME	LIMIT VALUE BEING VIOLATED	VOLUME BEING VIOLATED
2000/1/4 23:25	bbb	APPLICATION FOR REPRODUCING MUSIC	LIMIT VALUE OF MEMORY DYNAMICALLY RESERVED	32byte
2000/3/4 12:09	bbb	APPLICATION FOR REPRODUCING MUSIC	LIMIT VALUE OF TOTAL SIZE OF CREATION AVAILABLE OBJECT	16byte
2000/4/4 18:11	aaa	APPLICATION FOR CONTROLLING AIR-CONDITIONING	LIMIT VALUE OF MEMORY DYNAMICALLY RESERVED	24byte
2000/4/13 09:56	bbb	APPLICATION FOR REPRODUCING MUSIC	LIMIT VALUE OF MEMORY DYNAMICALLY RESERVED	512byte
2000/4/16 11:04	bbb	APPLICATION FOR NEWS DELIVERY	LIMIT VALUE OF MEMORY DYNAMICALLY RESERVED	ONE UNIT
:		:	•	:

## FIG. 7

<u>156</u>

15	560 1561	1562			1563	7544	
APPLIED VIRTUAL MACHINE ID	RESOURCE TYPE	VIOLATION COUNT	SUSPEND VIRTUAL MACHINE	TERMINATE VIRTUAL MACHINE	DELETE INTERMEDIATE CODE STRING	NOTIFICATION TO SUPPLIER	CHANGE OF CPU OCCUPATION RATE
	NUMBER OF CREATABLE TASKS	3	0	0	-	0	-
	NUMBER OF CREATABLE FILES	3	0	0	1	0	-
aaa	MAXIMUM CREATABLE FILE SIZE	1	1				-10%
		10	0		0	0	
	SECURABLE DYNAMIC MEMORY SIZE	5	0	0	0	0	-
	:		•	:	:	•	
	NUMBER OF CREATABLE TASKS	3	0	0	-	0	_
	NUMBER OF CREATABLE FILES	3	0	0	0	0	-
bbb	MAXIMUM CREATABLE	1	_	_	-	0	-10%
	FILE SIZE	10	0	0	0	0	_
	SECURABLE DYNAMIC MEMORY SIZE	5	0	0	0	0	_
	÷	:	:	:	•	•	:

FIG. 8

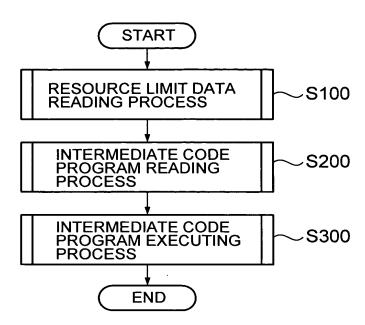


FIG. 9

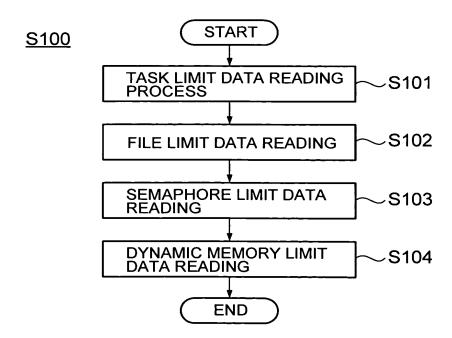


FIG. 10

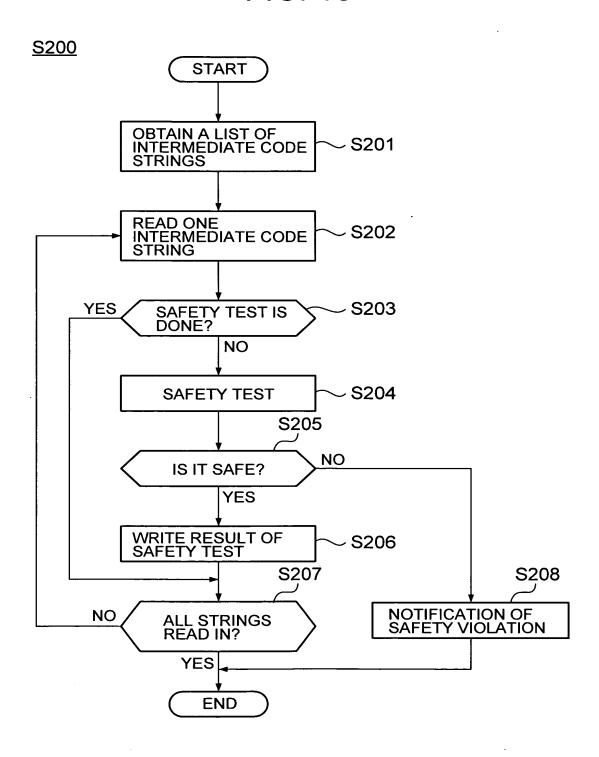


FIG. 11

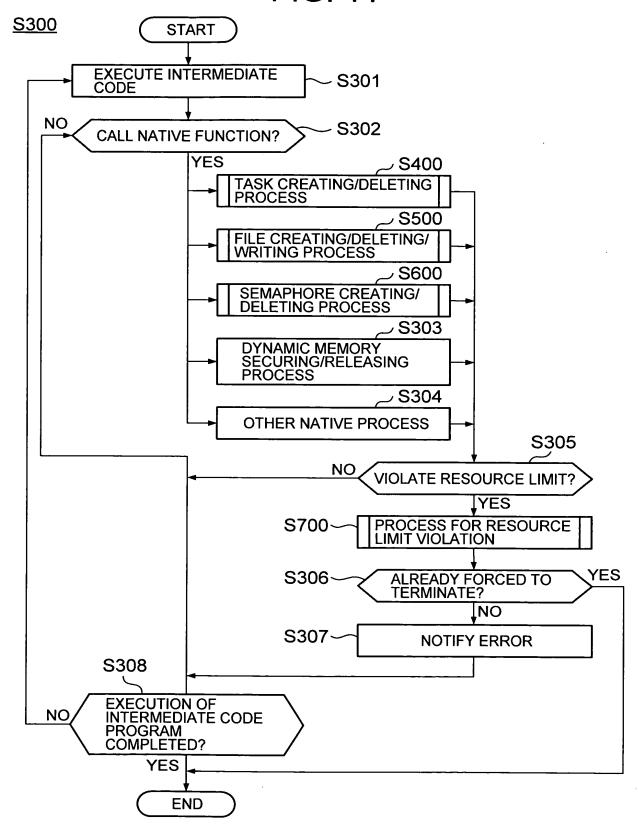


FIG. 12

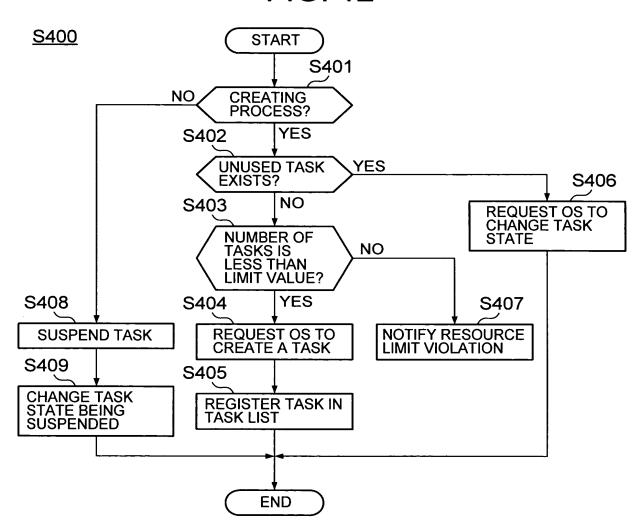


FIG. 13

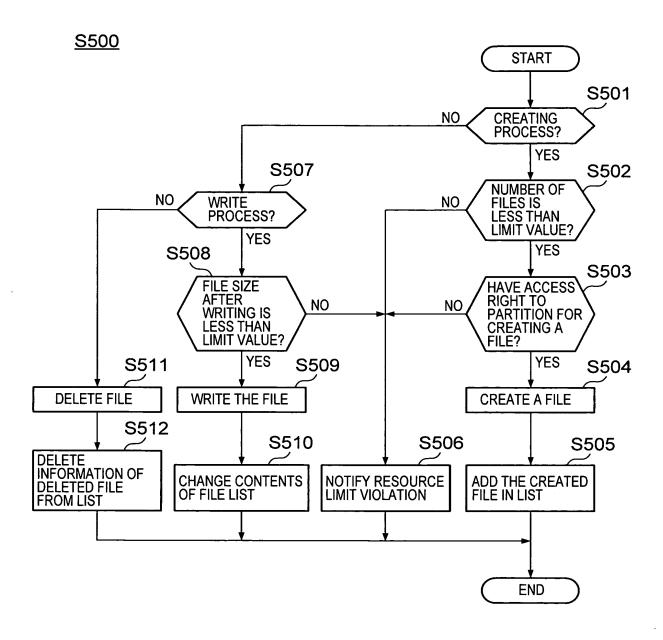


FIG. 14

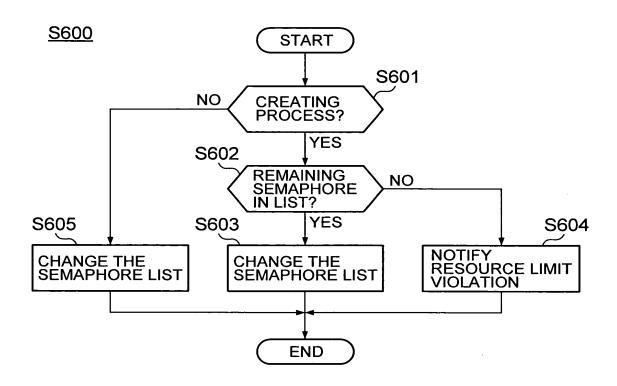
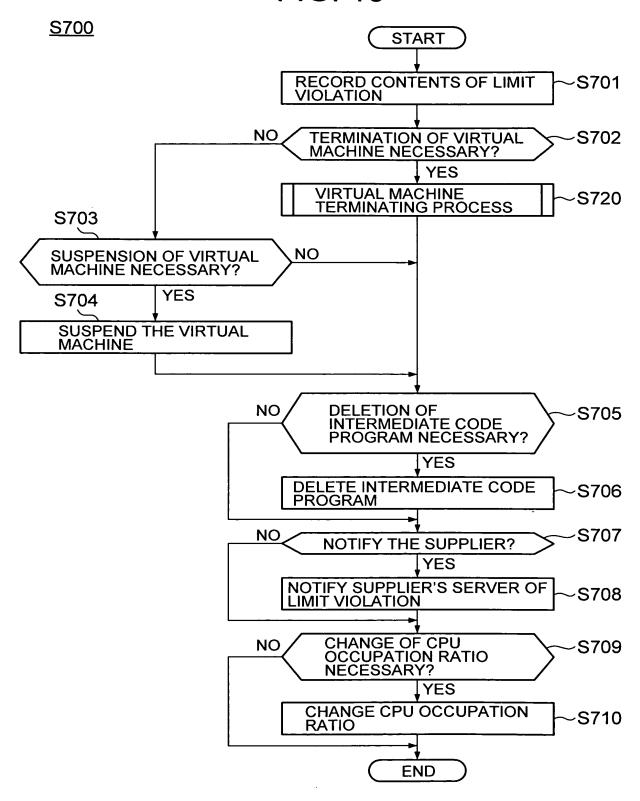


FIG. 15



#### FIG. 16

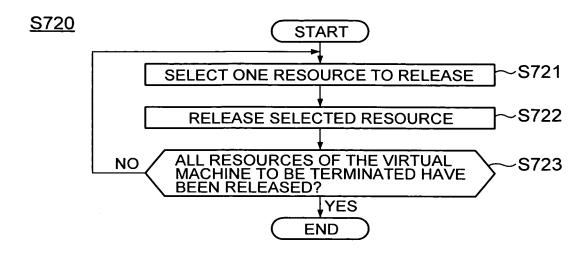


FIG. 17

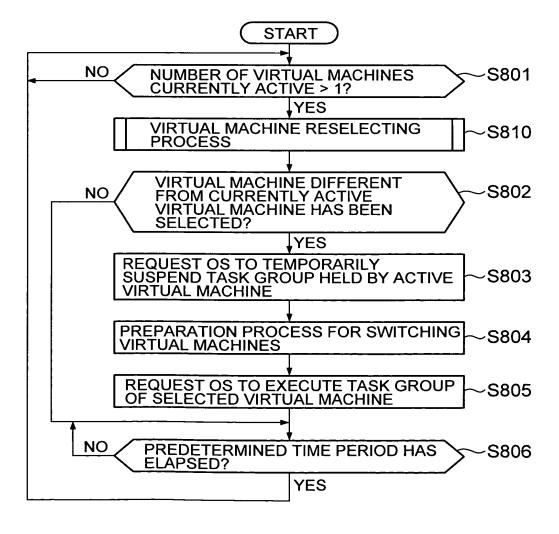


FIG. 18

